

FLAME-RETARDANT RESIN COMPOSITION

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Abstract

PROBLEM TO BE SOLVED: To provide a flame-retardant resin composition having high flame retardancy (L-L-94, 1/32 inch, V-O), exhibiting good heat-resistance to cause little scorch in molding and giving a molded article with little bleed-out.

SOLUTION: This resin composition is composed of (A) 100 pts.wt. of a polyolefin resin, (B) 1-30 pts.wt. of a mixture of (b1) bis(2,3-dibromopropyl) ether of tetrabromobisphenol A and (b2) bis(2,3-dibromopropyl) ether of tetrabromobisphenol S or (b3) tris(2,3-dibromopropyl) isocyanurate, (C) 0.5-20 pts.wt. of antimony oxide and (D) 0.05-2 pts.wt. of a hydrotalcite. The mixing weight ratio of (b1):(b2) or (b1):(b3) is 1:9 to 9:1.

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